

REMARKS/ARGUMENTS

Favorable reconsideration of this application, in view of the present amendment and in light of the following discussion, is respectfully requested.

Claims 6, 7, 12, 15-23, and 25-30 are pending in the present application, Claims 6, 7, 12, 15-20, and 28-30 having been amended, and Claims 1-5, 8-11, 13, 14, 24, and 31-33 having been canceled without prejudice or disclaimer. Claims 6, 7, 12, 15-20, and 28-30 are amended to more clearly describe and distinctly claim the subject matter regarded as the invention. Support for the present amendment can be found in the claims as originally filed, and in the original specification, for example, at page 28, line 19 to page 29, line 25, and Figure 14. Thus, it is respectfully submitted that no new matter is added.

In the outstanding Office Action, Claim 28 was objected to; Claims 30-33 were rejected under 35 U.S.C. § 101 as directed to non-statutory subject matter; Claims 1-19, 21-27, and 30-33 were rejected under 35 U.S.C. § 102(e) as anticipated by Yamamura (U.S. Patent No. 6,981,134); and Claims 20, 28, and 29 were rejected under 35 U.S.C. § 103(a) as unpatentable over Yamamura in view of Yamazaki (U.S. Patent No. 6,785,727).

In response to the outstanding objection to Claim 28, Claim 28 is amended to correct the noted informality. It is respectfully submitted that no new matter is added.

Turning now to the outstanding rejection of Claim 30 under 35 U.S.C. § 101, Claim 30 is amended to recite “[a] computer readable storage medium encoded with instructions, which when executed by a computer, cause the computer to implement a method of controlling image processing.” Additionally, it is respectfully submitted that the invention claimed in Claim 30 produces a useful, concrete, and tangible result for at least the reasons that corresponding method Claim 6 does. Therefore, it is respectfully requested that the outstanding rejection of Claim 30 under 35 U.S.C. § 101 be withdrawn.

Applicants respectfully submit that the rejections of Claims 31-33 under 35 U.S.C. § 101 is moot in view of their cancellation.

In response to the outstanding rejections of Claims 6, 7, 12, 15-23, and 26-30 under 35 U.S.C. § 102(e) and § 103(a), these rejections are respectfully traversed.

Amended Claim 6 recites:

An image processing control method that realizes a function of image processing by downloading a program and data to an image processing unit based on an information from an operating unit, comprising:

converting the information from the operating unit into an internal variable based on a request for controlling image processing from a main control software;

determining, based on a status of previously acquired resource and current process information, a resource that has to be acquired to make a response to a request for the resource;

determining whether the process is executable with the resource requested;

converting the internal variable, upon determining that the process is executable with the resource requested, into detailed information required for downloading the program and the data;

converting, by a plurality of detailed level converting management units, the detailed information into a plurality of parameters corresponding to the information from the operating unit;

comparing, by a plurality of download setting request-making units, each individual parameter to only a corresponding previous setting for the individual parameter; and

downloading only parameters with changed settings to the image processing unit based on a request for executing download.

Turning now to the cited references, Yamamura describes a method and system for processing using a CPU and digital signal processor. Yamamura describes that the processor system comprises a CPU 10, a ROM 20 coupled to the CPU 10, and a digital signal processor (DSP) 30 having a memory unit 50 for storing programs in a processor unit 40 for processing

data recording to the programs.¹ Additionally, Yamamura describes a software configuration of the program system as including a control management 232 that transmits a generated resource X to the resource acquisition device 236 to perform a resource acquisition request wherein the resource acquisition device 236 compares the generated resource X to the past resource group (resource 1, resource 2,..., resource n) that device 236 has downloaded.²

However, it is respectfully submitted that Yamamura does not disclose or suggest “comparing, by a plurality of download setting request-making units, each individual parameter to *only a corresponding previous setting for the individual parameter*,” as recited in amended Claim 6.

Instead, Yamamura describes that the generated resource X is compared to a past resource group *which includes multiple resources*, and not just a *single resource* corresponding to the generated resource X.³ Therefore, it is respectfully submitted that Yamamura does not disclose or suggest all of the features recited in amended Claim 6. Thus, it is respectfully requested that the outstanding rejection of Claim 6 as anticipated by Yamamura be withdrawn.

Independent Claims 7, 19, 29, and 30, while directed to alternative embodiments, contain features similar to those discussed above with respect to Claim 6. Therefore, it is respectfully requested that the outstanding rejection of Claims 7, 19, 29, and 30 (and all claims dependent thereon) as anticipated by Yamamura be withdrawn.

With regard to the rejection of Claims 20, 28, and 29 as unpatentable over Yamamura in view of Yamazaki, it is noted that Claims 20 and 28 are dependent from Claim 19, and thus are believed to be patentable for at least the reasons discussed above. Additionally, Claim 29 recites features similar to Claim 19, and thus is believed to be patentable for at least the reasons discussed above. Further, it is respectfully submitted that Yamazaki does not

¹ See Yamamura at the Abstract.

² See Yamamura at column 18, lines 21-30.

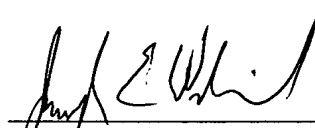
³ See Yamamura at column 18, lines 10-58, with corresponding Figures 23-27.

cure any of the above noted deficiencies of Yamamura. Accordingly, it is respectfully submitted that Claims 20, 28, and 29 are patentable over Yamamura in view of Yamazaki.

Consequently, in view of the present amendment, no further issues are believed to be outstanding in the present application, and the present application is believed to be in condition for formal allowance. A Notice of Allowance is earnestly solicited.

Respectfully submitted,

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